



Progressive Education Society's
Modern College of Arts, Science & Commerce Ganeshkhind, Pune – 16
(Autonomous)
End Semester Examination: OCT / NOV 2024
Faculty: Science and Technology

Program: BScGen03

Semester: V

SET: A

Program (Specific): Zoology

Course Type: SEC

Class: T.Y.B.Sc

Max.Marks: 35

Name of the Course: Fishery Management

Course Code: 24 -ZO -3510

Time: 2Hr

Paper: VII

Instructions to the candidate:

- 1) *There are 4 sections in the question paper. Write each section on separate page.*
- 2) *All Sections are compulsory.*
- 3) *Figures to the right indicate full marks.*
- 4) *Draw a well labelled diagram wherever necessary.*

SECTION: A

Q1) Define or Explain

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- a) Define spawn.
- b) Explain paired fins in fishes.
- c) Define Pisciculture.
- d) Explain liming of pond.
- e) Explain fish forwarding techniques.

Q2) Very short answer questions (Attempt any 4/6)

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- a) State any two freshwater fishes.
- b) What is Deep sea fishery?
- c) Comment upon the use of fish glue.
- d) Explain cosmoid scales.
- e) What are microplankton?
- f) Explain benthic habitat of fishes.

SECTION: B

Q3) Short answer questions (Attempt any 4/6)

8

- a) State the role of alkalinity in pond culture.
- b) What is Induced breeding?
- c) Comment upon chilling technique of fish preservation.
- d) Describe exotic fish species with suitable examples.
- e) Comment upon the role of temperature in pond culture.
- f) Elaborate the use of live fish feed in pond culture.



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SECTION: C

Q4) Short answer questions (Attempt any 4/6)

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- a) Describe Monoculture of fishes.
- b) Comment upon any two fungal fish diseases.
- c) Describe the nursery pond used in pond culture.
- d) Highlight the significance of fish industry as a cottage industry.
- e) Describe the closed transport method of fish transportation.
- f) Comment upon the use of Rampani fishing net.

SECTION: D

Q5) Long answer type Questions (Attempt any two of the following)

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- a) State the causative organism, symptoms and preventive measures of any two protozoan fish diseases.
- b) Describe in detail the Biofloc technology.
- c) Elaborate on the PMMSY- Government scheme for rearing of fishes.
- d) Illustrate with a neat labelled diagram the layout of a fish farm.